

# PATENT COOPERATION TREATY

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**OCT 29 2001**

SCIENTIFIC-ATLANTA, INC.  
LEGAL DEPARTMENT

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To: **KELLY A. GARDNER**  
**SCIENTIFIC ATLANTA, INC.,**  
**5030 SUGARLOAF PARKWAY (ATL 4.5.517)**  
**LAWRENCEVILLE, GEORGIA 30044**

**WRITTEN OPINION**

(PCT Rule 66)

Date of Mailing  
(day/month/year)

23 OCT 2001

Applicant's or agent's file reference

F-6851-PC

**REPLY DUE**

within **TWO** months  
from the above date of mailing

International application No.

PCT/US01/02490

International filing date (day/month/year)

25 JANUARY 2001

Priority date (day/month/year)

28 JANUARY 2000

International Patent Classification (IPC) or both national classification and IPC  
IPC(7): H04N 5/445 and US Cl.: 726/44

Applicant

SCIENTIFIC-ATLANTA, INC.

1. This written opinion is the first (first, etc.) drawn by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

**When?** See the time limit indicated above. ~~The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(d).~~

**How?** By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.8. For the form and the language of the amendments, see Rules 66.8 and 66.9.

**Also** For an additional opportunity to submit amendments, see Rule 66.4.  
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis.  
For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 28 MAY 2002

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

Facsimile No. (703) 505-5230

Authorized officer

CHRISTOPHER GRANT

Telephone No. (703) 505-4755

## I. Basis of the opinion

## 1. With regard to the elements of the international application:\*

- ☒ the international application as originally filed  
the description:  
pages 1-8, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of
- ☒ the claims:  
pages 9-11, as originally filed  
pages NONE, as amended (together with any statement) under Article 19  
pages NONE, filed with the demand  
pages NONE, filed with the letter of
- ☒ the drawings:  
pages 1-3, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of
- ☒ the sequence listing part of the description:  
pages NONE, as originally filed  
pages NONE, filed with the demand  
pages NONE, filed with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.  
These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).  
☐ the language of publication of the international application (under Rule 48.3(b)).  
☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:

- ☐ contained in the international application in printed form.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority in written form.  
☐ furnished subsequently to this Authority in computer readable form.  
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☒ the description, pages NONE  
☒ the claims, Nos. NONE  
☒ the drawings, sheets/fig. NONE

5. ☐ This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed".

WRITTEN OPINION

International application No.

PCT/US01/08400

**V. Reasoned statement under Rule 66.2(a)(II) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. statement**

|                               |                          |     |
|-------------------------------|--------------------------|-----|
| Novelty (N)                   | Claims <u>5,7</u>        | YES |
|                               | Claims <u>1-4,6,8-11</u> | NO  |
| Inventive Step (IS)           | Claims <u>NONE</u>       | YES |
|                               | Claims <u>1-11</u>       | NO  |
| Industrial Applicability (IA) | Claims <u>1-11</u>       | YES |
|                               | Claims <u>NONE</u>       | NO  |

**2. citations and explanations**

Claims 1-4 and 6 lack novelty under PCT Article 35(2) as being anticipated by Yuen (WO 97/54414).

Considering claim 1, Yuen discloses a method responsive to user input for displaying program information associated with a reference point established within a display of the program information, the method comprising:

a) establishing the reference point (guide mode) based on at least on parameter (time) associated with the display of the program information (see page 2, lines 1-20, page 4, lines 36-37, page 6, lines 5-12);

b) causing a portion of the program information to be displayed (figures 2-3);

c) receiving a user input requesting display of the program information (page 8, lines 7-11);

d) causing the display of the program information associated with the reference point (figures 2-3).

Claim 2 is met by the program guide illustrated in figures 2-3.

Claim 3 is met by the ability to scan or "browse" through the program listing in area 46 (pages 2-9).

Claim 4 is met by the program guide listing that is based on the current time.

Considering claim 6, Yuen discloses a method responsive to user input for displaying program information associated with a reference point established within a display of the program information, the method comprising:

a) establishing the reference point (guide mode, page 2, lines 1-20 and page 6, lines 5-12) based on current time (page 4, lines 36-37), a current date (today), and a channel number associated with a program viewed immediately prior to entering the program guide (the previous channel, page 2, lines 1-20 and page 6, lines 15-28);

b) causing a portion of the program information to be displayed (figures 2-3);

c) receiving a user input requesting display of the program information (page 8, lines 7-11);

d) causing the display of the program information associated (Continued on Supplemental Sheet.)